

Message Text

UNCLASSIFIED

PAGE 01 SINGAP 02515 140346Z
ACTION EA-09

INFO OCT-01 ISO-00 EB-07 /017 W
-----140349Z 057326 /17

R 140200Z JUN 77
FM AMEMBASSY SINGAPORE
TO C/USDOC WASHDC
INFO SECSTATE WASHDC 7908
AMEMBASSY BANGKOK
AMCONSUL HONG KONG

UNCLAS SINGAPORE 2515

E.O. 11652: N/A
TAGS: BTIO, SN
SUBJECT: FOREIGN GOVERNMENT TENDER-PUBLIC UTILITIES BOARD

1. 559/01/T-0031

2. 061377

3. MICHAEL B LIBENSON

4. 559 SINGAPORE

5. N

6A. D E COX, RESIDENT REPRESENTATIVE

6C. RENARDET SINGAPORE
2 WINSTEDT ROAD
SINGAPORE 9

7. CONTRACT NO: H48-6

8. 08/30/77 (2:15 PM SINGAPORE TIME)

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 SINGAP 02515 140346Z

9. 201

10. 16230- DESIGN, SUPPLY, DELIVERY, ERECTION,
TESTING AND MAINTENANCE OF OZONE PLANT FOR THE
EXTENSION OF CHOA CHU KANG WATER WORKS. THE
MAXIMUM OZONE PRODUCTION REQUIRED IS 24 KG/H
WITH AN ADDITIONAL STANDBY CAPACITY OF 8 KG/H,

AND IT SHOULD BE ABLE TO TREAT UP TO 150,000M3
OF WATER DURING 24 HOURS PER DAY.

THIS CONTRACT INCLUDES THE DESIGN, MANUFACTURE,
TESTING AT PLACE OF MANUFACTURE, FINISHING,
PAINTING, PACKING FOR DISPATCHING TO A DAMP
TROPICAL CLIMATE IN NON-RETURNABLE CASES, LOADING,
INSURANCES, DELIVERY TO SITE, ERECTION, SETTING TO
WORK, SITE TESTING AND MAINTENANCE DURING ONE YEAR
AFTER TAKING OVER OF THE PLANT INSTALLED. IT ALSO
INCLUDES THE SUPPLY AND ERECTION OF THE NECESSARY
ELECTRICAL PLANT (MAIN TRANSFORMERS, INTERNAL AND
EXTERNAL LIGHTING AND SMALL POWER EXCLUDED).
UNDER THE CONTRACT PROVISION SHOULD BE MADE FOR
ON-THE-JOB TRAINING ON SIMILAR PLANT OUTSIDE
SINGAPORE FOR ONE PUBLIC UTILITIES BOARD (PUB)
ENGINEER AND ONE PUB SENIOR TECHNICAL OFFICER.
THE CIVIL WORKS IN WHICH THE PLANT WILL BE
INCORPORATED ARE NOT A PART OF THIS CONTRACT.
THE PLANT SHOULD BE ABLE TO PRODUCT CONTINUOUSLY
(24 HOURS EACH DAY) 24KG/H OF OZONE AT A CONCEN-
TRATION OF 18G OF OZONE PER CUBIC METER OF
AIR, UNDER THE FOLLOWING CONDITIONS:

- A. INLET COOLING WATER TEMPERATURE OF 30 DEGREES
CENTEGRADE OR LESS;
 - B. INLET AIR TEMPERATURE OF 30 DEGREES CENTEGRADE OF LESS.
 - C. TEMPERATURE INSIDE THE PLANT ROOM OF 40 DEGREES
CENTEGRADE OR LESS.
- UNCLASSIFIED

UNCLASSIFIED

PAGE 03 SINGAP 02515 140346Z

THERE SHOULD BE FOUR OZONIZERS (ONE ON STANDBY),
EACH ONE PRODUCING 8.0 KG O3 PER HOUR. THE
TENDERER MAY PROPOSE ANY KIND OF OZONIZERS.
HOWEVER, WEIGHT SHALL BE GIVEN IN THE EVALUATION
OF TENDERS TO THE FOLLOWING CHARACTERISTICS:

HIGH PERFORMANCE;
RESISTANCE TO THERMAL SHOCK, ROBUSTNESS
LONG OPERATION LIFE;
TIGHT SEALING;
PROTECTION AGAINST CORROSION AT HIGH
OZONE CONCENTRATION;
EASE OF CLEANING AND MAINTENANCE; AND
TENDERER REFERENCES.

UNITS OF MEASURE USED THROUGHOUT SHOULD BE METRIC
UNITS. EXCEPT AS OTHERWISE SPECIFIED, THE WORKS
INCLUDED IN THIS CONTRACT SHOULD BE CARRIED OUT

IN ACCORDANCE WITH THE LATEST RELEVANT BRITISH STANDARDS (B.S) OF BRITISH STANDARD CODE OF PRACTICE CURRENT AT THE DATE OF CLOSING TENDERS. OTHER STANDARDS MAY BE PROPOSED BY THE CONTRACTOR PROVIDED THAT HE PRODUCES PROOF THAT SUCH STANDARDS ARE EQUIVALENT TO B.S. AND THAT THE PLANT HAS SIMILAR CHARACTERISTICS AND EQUAL PERFORMANCE AND QUALITY TO THOSE SPECIFIED HEREIN.

THE CONDITIONS OF POWER SUPPLY ARE: 3 PHASES, 400/230V PLUS OR MINUS 6 PERCENT, 50 CYCLES.

11. TENDER DOCUMENTS ARE AVAILABLE FROM RENARDET SINGAPORE, 2 WINSTEDT ROAD, SINGAPORE 9 UPON RECEIPT OF A TENDER DEPOSIT OF S\$500 (APPROX. US\$200). THE DEPOSIT SHOULD BE IN THE FORM OF A BANK DRAFT MADE PAYABLE TO: "PUBLIC UNCLASSIFIED

UNCLASSIFIED

PAGE 04 SINGAP 02515 140346Z

UTILITIES BOARD, SINGAPORE". FOUR COPIES OF THE DOCUMENTS AND TWO SETS OF DRAWINGS WILL BE ISSUED TO EVERY TENDERER. ADDITIONAL COPIES OF THE DOCUMENTS AND DRAWINGS REQUIRED FOR THE PURPOSE OF TENDERING MAY BE OBTAINED FROM RENARDET SINGAPORE AT S\$200 (APPROX. US\$80) FOR EACH SET OF DOCUMENT INCLUDING DRAWINGS. THE WORKS WILL BE FINANCED BY A LOAN FROM THE ASIAN DEVELOPMENT BANK. HOLDRIDGE

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Sent Date: 14-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977SINGAP02515
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770211-0444
Format: TEL
From: SINGAPORE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770659/aaaabzgl.tel
Line Count: 149
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 43c2417d-c288-dd11-92da-001cc4696bcc
Office: ACTION EA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 29-Oct-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2156968
Secure: OPEN
Status: NATIVE
Subject: FOREIGN GOVERNMENT TENDER-PUBLIC UTILITIES BOARD
TAGS: BTIO, SN
To: COM
Type: TE
vdkgvwkey: odhc://SAS/SAS.dbo.SAS_Docs/43c2417d-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009